

FAJEMILA OLUGBENGA TEMITOPE

Department of Geological Sciences, Osun State University, Osogbo, Nigeria.

E-mail: olugbenga.fajemila@uniosun.edu.ng; olugbenga.fajemila@gmail.com; Tel: +2348037815996

Education: **Ph.D.** Geoscience, University of Bonn, Germany, 2017; **M.Sc.** Applied Geology (Sedimentology / Petroleum Geology), 2011-, and **B.Sc.** Geology, 2004- Obafemi Awolowo University, Ile-Ife, Nigeria

AWARDS AND RESEARCH FELLOWSHIPS:

1. **Swiss Government Excellence Scholarship for Postdoctoral Study**, University of Fribourg, Switzerland – Sept. 2020 – August 2021.
2. **Alexander von Humboldt Fellowship for Experienced Researchers** – University of Bonn, Germany – 2025 – 2027.

RESEARCHGATE: <https://www.researchgate.net/profile/Olugbenga-Fajemila>

GOOGLE SCHOLAR: <https://scholar.google.com/citations?user=n4vEs48AAAAJ&hl=en>

UNIVERSITY APPOINTMENTS:

2023-present: **Associate Professor**, Department of Geological Sciences, Osun State University.

2022-2025: **Acting Head of Department**, Geological Sciences, Osun State University.

2020-2023: **Senior Lecturer**, Department of Geological Sciences, Osun State University.

2011-2020: **Lecturer**, Department of Geological Sciences, Osun State University.

MEMBERSHIP OF PROFESSIONAL BODIES: Nigerian Mining and Geosciences Society; Cushman Foundation for Foraminifera Research; The Micropaleontology Society (TMS); FOBIMO Working Group

Selected Articles

1. **Fajemila, O.T.**, Kolawole, T.O., Spangenberg, J.E., Olayiwola, M.A., Akinterinwa, K.O., Adebisi, K.T., Salako, R.A., **2026**. Stable isotopes and palynological analyses of the Campanian-Maastrichtian Mamu shales, western flank of the Anambra Basin, Nigeria: A paleoenvironmental investigation. *Geosystems and Geoenvironment* 5 (2), 100492. <https://doi.org/10.1016/j.geogeo.2026.100492>
2. Solanke, A., Martinez-Colon, M., **Fajemila, O.T.**, Jagoe, C., **2026**. Potential effects of toxic elements on benthic foraminifera in Apalachicola Bay, Florida. *Regional Studies in Marine Sciences* 94, 104762 <https://doi.org/10.1016/j.rsma.2026.104762>
3. **Fajemila, O.T.**, Martínez-Colón, M., Olajide-Kayode, J.O., Olayiwola, M.A., **2025**. The FORAM Index (FI) as an indicator of environmental perturbations in coral ecosystems of Hong Kong, China. *Revue de Micropaléontologie* 89, 100860. <https://doi.org/10.1016/j.revmic.2025.100860>
4. Shirey, B.G., Martínez-Colón, M., Jagoe, C., **Fajemila, O.T.**, Dieppa, A., Mwashote, B., **2025**. Estuarine foraminifera as an effective measure of benthic ecological quality status in Jobos Bay, Puerto Rico. *Micropaleontology* 71(2): 167–181. <https://doi.org/10.47894/mpal.71.2.03>
5. Durugbo, U.E., **Fajemila, T.O.**, Olayiwola, M.A. **2024**. Organic walled dinoflagellate cyst biostratigraphy of the Middle-Late Miocene western Niger Delta, Nigeria. *Revue de Micropaléontologie* 84, 100787. <https://doi.org/10.1016/j.revmic.2024.100787>
6. **Fajemila, O.T.**, Langer, M.R., Spezzaferri, S., **2024**. Recent shallow-water benthic foraminifera from a tropical estuary, SW Nigeria. *Journal of African Earth Sciences* 214, 105257. <https://doi.org/10.1016/j.jafrearsci.2024.105257>
7. **Fajemila, O.T.**, Martínez-Colón, M., Council, I., Spezzaferri, S., **2022**. Spatial distribution of pollution levels and assessment of benthic foraminifera in Apapa-Badagry Creek, Nigeria. *Marine Pollution Bulletin* 185, 114359. <https://doi.org/10.1016/j.marpolbul.2022.114359>
8. **Fajemila, O.T.**, Martínez-Colón, M., Spangenberg, J.E., Spezzaferri, S., **2022**. Organic Matter source and distribution in the estuarine Apapa-Badagry Creek, Nigeria: Implications for living (stained) benthic foraminiferal assemblage. *Marine Micropaleontology* 172, 102112. <https://doi.org/10.1016/j.marmicro.2022.102112>
9. **Fajemila, O.T.**, Sariaslan, N., Langer, M.R., **2020**. Spatial distribution of benthic foraminifera in the Lagos Lagoon (Nigeria): Tracing the impact of environmental perturbations. *PLoS ONE* 15(12): e0243481. <https://doi.org/10.1371/journal.pone.0243481>
10. **Fajemila, O.T.**, Langer, M.R., **2016**. Ecosystem indicators: Foraminifera, Thecamoebians and Diatoms from the Ologe Lagoon, Nigeria. *Revue de Micropaléontologie* 59, 397–407. <http://dx.doi.org/10.1016/j.revmic.2016.09.002>
11. Langer, M.R., **Fajemila, O.T.**, Mannl, S., **2016**. Assemblages of recent intertidal mangrove foraminifera from the Akanda National Park, Gabon: sea level proxies preserved in faunal assemblages. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen* 281 (3), 327–338. <http://doi.org/10.1127/njgpa/2016/0602>
12. **Fajemila, O.T.**, Langer, M.R., Lipps, J.H., **2015**. Spatial Patterns in the Distribution, Diversity and Abundance of Benthic Foraminifera around Moorea (Society Archipelago, French Polynesia). *PLoS ONE* 10(12), e0145752. <http://doi.org/10.1371/journal.pone.0145752>